Phirun Kim

List of Publications by Year
in descending order

36 papers	281 citations	1040056 9 h-index	940533 16 g-index
36 all docs	36 docs citations	36 times ranked	189 citing authors

#	Article	IF	Citations
1	High selectivity and wideband bandpass filtering impedance transformer. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22548.	1.2	1
2	Microwave Amplifier With Substrate Integrated Waveguide Bandpass Filter Matching Network. IEEE Microwave and Wireless Components Letters, 2021, 31, 401-404.	3.2	12
3	Design and analysis of variable attenuator with simultaneous minimized flat amplitude error and insertion phase variations. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22688.	1.2	3
4	Frequency Selective Impedance Transformer With High-Impedance Transforming Ratio and Extremely High/Low Termination Impedances. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2382-2392.	5.4	7
5	Compact and Wide Stopband Substrate Integrated Waveguide Bandpass Filter Using Mixed Quarter- and One-Eighth Modes Cavities. IEEE Microwave and Wireless Components Letters, 2020, 30, 16-19.	3.2	47
6	Wideband bandpass filtering branchâ€line balun with highâ€isolation. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22193.	1.2	3
7	Substrate-Integrated Waveguide Impedance Matching Network with Bandpass Filtering. , 2019, , .		6
8	A New Synthesis and Design Approach of a Complex Termination Impedance Bandpass Filter. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2346-2354.	4.6	12
9	Wideâ€stopband and high selectivity step impedance resonator bandpass filter using Tâ€network and antiparallel coupled line. IET Microwaves, Antennas and Propagation, 2019, 13, 1916-1920.	1.4	9
10	High Self-Interference Cancellation Antenna for In-Band Full Duplex Communication System. , 2019, , .		1
11	Compact Square/Triangle Mixed-Shape Quarter-Mode Substrate Integrated Waveguide Bandpass Filter with Wide Stopband. , 2019, , .		0
12	Unequal termination impedance parallel-coupled lines band-pass filter with arbitrary image impedance. Journal of Electromagnetic Waves and Applications, 2018, 32, 984-996.	1.6	9
13	A Design of Balun Bandpass Filter for Wide Stopband Attenuation Base on Stepped Impedance Resonators. , 2018, , .		5
14	Quasi-MMIC High Power Amplifier with Silicon IPD Matching Network. , 2018, , .		4
15	Impedance matching bandpass filter with a controllable spurious frequency based on Î» /2 stepped impedance resonator. IET Microwaves, Antennas and Propagation, 2018, 12, 1993-2000.	1.4	10
16	Controllable and wide spurious suppression power divider with a bandpassâ€filtering and high isolation. Microwave and Optical Technology Letters, 2018, 60, 1862-1869.	1.4	0
17	Arbitrary Prescribed Wideband Flat Group Delay Circuit for Self-Interference Cancellation Circuits. , 2018, , .		0
18	Harmonics suppressed band-pass matching network for high efficiency power amplifier. , 2017, , .		0

#	Article	IF	Citations
19	Unequal termination branchâ€line balun with highâ€isolation wideband characteristics. Microwave and Optical Technology Letters, 2016, 58, 1775-1778.	1.4	8
20	Power divider with tunable positive and negative group delays using parasitic compensated PIN diode. , 2016, , .		1
21	an ultraâ€wideband bandpass filter with high return loss and controllable notch band. Microwave and Optical Technology Letters, 2016, 58, 2922-2926.	1.4	5
22	A design of negative group delay power divider: Coupling matrix approach with finite unloaded-Qu resonators. , 2016, , .		4
23	A power divider with positive and negative group delay characteristics. , 2016, , .		4
24	A compact ultra-wideband bandpass filter with high return loss characteristic. , 2016, , .		0
25	High Selectivity Coupled Line Impedance Transformer with Second Harmonic Suppression. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2016, 16, 13-18.	3.0	5
26	High efficiency power amplifier with frequency band selective matching networks. Microwave and Optical Technology Letters, 2015, 57, 2031-2034.	1.4	3
27	Enhancement impedance transforming ratios of coupled line impedance transformer with wide outâ€ofâ€band suppression characteristics. Microwave and Optical Technology Letters, 2015, 57, 1600-1603.	1.4	19
28	Ultra-High Transforming Ratio Coupled Line Impedance Transformer With Bandpass Response. IEEE Microwave and Wireless Components Letters, 2015, 25, 445-447.	3.2	42
29	Analysis and design of a branchâ€line balun with highâ€isolation wideband characteristics. Microwave and Optical Technology Letters, 2015, 57, 1228-1234.	1.4	7
30	High frequency-selectivity impedance transformer. , 2015, , .		0
31	Dual-band negative group delay circuit using defected microstrip structure. , 2015, , .		3
32	Coupled line negative group delay circuits with very low signal attenuation and multiple-poles characteristics. , 2014, , .		3
33	Wideband impedance transformer with outâ€ofâ€band suppression characteristics. Microwave and Optical Technology Letters, 2014, 56, 2612-2616.	1.4	14
34	A DUAL-BAND RF ENERGY HARVESTING USING FREQUENCY LIMITED DUAL-BAND IMPEDANCE MATCHING. Progress in Electromagnetics Research, 2013, 141, 443-461.	4.4	16
35	Dual-mode bandpass filter with independently tunable center frequency and bandwidth. , 2012, , .		1
36	Design of high efficiency RFâ€DC conversion circuit using novel termination networks for RF energy harvesting system. Microwave and Optical Technology Letters, 2012, 54, 2330-2335.	1.4	17